


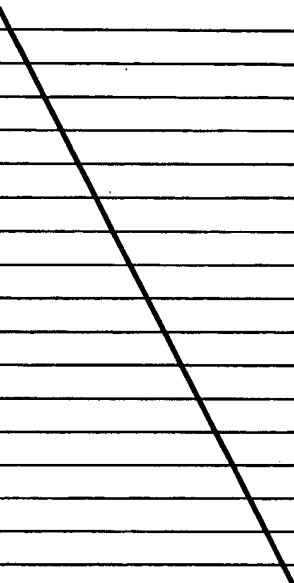

**(Use as many sheets as necessary)**

Sheet 1 of 5

**Complete if Known**

Application Number	10/816,290
Filing Date	4/1/2004
First Named Inventor	Raymond S. Burns
Art Unit	2163
Examiner Name	Binh Van Ho
Attorney Docket Number	burns01.002

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6954,790	10/11/2005	Furslow	
		US- 6,898,595	05/24/2005	Vivier, et al.	
		US- 6,885,388	04/26/2005	Gunter, et al.	
		US- 6,772,157	08/03/2004	Barnett, et al.	
		US- 6,757,696	06/29/2004	Multer, et al.	
		US- 6,681,168	01/20/2004	Plozin	
		US- 6,469,751	10/22/2002	Isobe, et al.	
		US- 6,446, 192	09/03/2002	Narasimhan, et al.	
	BH	US- 6,343,311	01/29/2002	Nishida	
		US- 6,211,870	04/03/2001	Foster	
		US- 6,160,359	12/12/2000	Fleischmann	
		US- 6,144,848	11/07/2000	Walsh, et al.	
		US- 6,137,473	10/24/2000	Cortopassi, et al.	
		US- 6,119,228	09/12/2000	Angelo, et al.	
		US- 6,112, 264	08/29/2000	Beasley, et al.	
		US- 6,111,569	08/29/2000	Brusky, et al.	
		US- 6,037,936	03/14/2000	Ellenby, et al.	
		US- 6,008,921	12/28/1999	Brusky, et al.	

## FOREIGN PATENT DOCUMENTS

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**Examiner  
Signature**

/ Binh Ho /

Date  
Considered

10/13/2006

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PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

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Sheet	2	of	5
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↑		US- 5,970,143	10/19/1999	Schneier, et al.	/	
		US- 5,949,412	09/07/1999	Huntsman		
		US- 5,900,867	05/4/1999	Schindler, et al.		
		US- 5,784,663	07/21/1998	Hayashi, et al.		
		US- 5,768,382	06/16/1998	Schneier, et al.		
		US- 5,692,214	11/25/1997	Levine		
		US- 5,664,103	09/02/1997	Stein et al.		
BH		US- D,378,086	02/18/1997	Sheehan, et al.		
		US- 5,347,646	09/13/1994	Hirosawa, et al.		
↓		US- 5,337,044	08/09/1994	Folger, et al.		
		US- 5,251,301	10/05/1993	Cook		
		US- 5,014,218	05/07/1991	Crain, et al.		
		US- 4,953,097	08/28/1990	Crain, et al.		
		US- 4,920,503	04/24/1990	Cook		
		US- 4,916,631	04/10/1990	Crain, et al.		
		US- 4,862,151	08/29/1989	Gruaz, et al.		
		US- 4,695,946	09/22/1997	Andreasen, et al.		
		US- 4,626,984	12/02/1986	Unruh, et al.		

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↑		US- 4,531,740	07/30/1985	Green, et al.	/
		US- 4,456,994	06/26/1984	Segarra	
		US- 4,261,034	04/07/1981	Saccomano, et al.	
		US- 2003-0048757 A1	03/13/2003	Accarie, et al.	
		US- 2002-0144271 A1	10/03/2002	Behagen, et al.	
		US- 2002-0133580 A1	9/19/2002	Dake, et al.	
		US- 2002-0083144 A1	6/27/2002	Kobayashi, et al.	
	BH	US- 2002-0059609 A1	5/16/2002	Cragun, et al.	
		US- 2002-0044321 A1	4/18/2002	Hua, et al.	
		US- 2001-0040551 A1	11/15/2001	Yates, et al.	
	US- 2003-0070070 A1	4/10/2003	Yeager, et al.		
	US- 2003-0069967 A1	4/10/2003	Vincent		
	US- 2003-0055898 A1	3/20/2003	Yeager, et al.		
	US- 2003-0055894 A1	3/20/2003	Yeager, et al.		
	US- 2003-0041141 A1	2/27/2003	Abdelaziz, et al.		
	US- 2003-0028585 A1	2/6/2003	Yeager, et al.		
↓		US- 2003-0023849 A1	1/30/2003	Martin, et al.	
		US- 2002-0193966 A1	12/19/2002	Buote, et al.	

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↑		US- 2002-0178238 A1	11/28/2002	Fletcher, et al.	/
		US- 2002-0171678 A1	11/21/2002	Bandhole, et al.	
		US- 2002-0162019 A1	10/31/2002	Berry, et al.	
		US- 2002-0162018 A1	10/31/2002	Gunter, et al.	
		US- 2002-0162004 A1	10/31/2002	Gunter, et al.	
		US- 2002-0162002 A1	10/31/2002	Gunter, et al.	
		US- 2002-0162001 A1	10/31/2002	Gunter, et al.	
BH		US- 2002-0161999 A1	10/31/2002	Gunter, et al.	
		US- 2002-0156893 A1	10/24/2002	Pouyoul, et al.	
↓		US- 2002-0095499 A1	7/18/2002	Barnett, et al.	
		US- 2002-0069102 A1	6/6/2002	Vellante, et al.	
		US- 2002-0059356 A1	5/16/2002	Reohr	
		US- 2002-0040369 A1	4/4/2002	Multer, et al.	
		US- 2002-0038235 A1	3/28/2002	Musafia, et al.	
		US- 2002-0023170 A1	2/21/2002	Seaman, et al.	
		US- 2002-0016777 A1	2/7/2002	Seamons, et al.	
		US- 2002-0010807 A1	1/24/2002	Multer, et al.	
		US- 2001-0052016 A1	12/13/2001	Skene, et al.	

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Mutter, et al.

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Sheet	5	of	5		

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